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A STUDY OF MORPHOLOGY, PROVENANCE, AND MOVEMENT OF DESERT SAND SEAS IN
AFRICA, ASIA AND AUSTRALIA

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Denver, Colorado 80225

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Type I Progress Report for Period 1 July 1972 - 31 August 1972

Prepared for:

Goddard Space Flight Center
Greenbelt, Maryland 20771

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Type I Progress Report
ERTS-A

- a. Title: A Study of Morphology, Provenance, and Movement of Desert Sand Seas in Africa, Asia and Australia.

ERTS-A Proposal No.: SR 131

- b. GSFC ID No. of P. 1.: IN 402

- c. No images have as yet been received so actual examination of the product has not yet begun.

- d. In preparation for starting the study of test sites, a laboratory room has been prepared at the Research Center of the Museum of Northern Arizona in Flagstaff. Light tables, including a Laser Light Table LT 630, for examining images, storage facilities for housing the incoming pictures and a collection of base maps, reference books and other materials has been assembled.

- e. No significant scientific results have yet been obtained. (Category 10C)

- f. No data have been released during the reporting period.

- g. The listing of Walter Danilchik, Geologist, U.S. Geological Survey, as co-investigator, has been terminated due to the assignment of Mr. Danilchik to duty on a project in Indonesia. It has been recommended (Letter of April 4, 1972 to Office of Policy and University Affairs, Code P, NASA) that Mrs. Carol Breed, WAE, U.S. Geological Survey, be assigned to the status of co-investigator. Mr. Lawrence Harris, WAE, U.S. Geological Survey, has been added to the staff as assistant in geology and will begin duty in mid-September.

- h. Changes in standing order forms:

July 12, 1972. Letter to G. Richard Stonesifer, Technical Monitor.

1. Reduction of frames from 1,153 to 385.
Increase in test sites from original 7 large units to 15 smaller units based on actual dune distribution.
2. Change (3.1) rejection because of "cloud cover" from 100% to 50%.
3. Changes (3.2) in time periods for which data are required.

i. Changes in data request forms:

July 12, 1972. Letter^t_A to G. Richard Stonesifer, Technical Monitor.

1. Change number of copies ordered and bands required (4.0) to 2 bulk B & W 70 mm. positive, RBV 1,2,3 bands.
2. Change color composite bulk processed products (5.3) to positive transparency 2 type A and positive paper print 2 type A.

